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2 1 QDLENNPKIGLSLLLLPPLLQQAGVWGFFRPPGRPQLSLQELRRFTVS 49
8 1 MGQTAGDLGWRLSLLLLPPLLQQAGVWGFFRPPGRPQLSLQELRRFTVS 50
   *****
2 50 LHLARKLLSEVRGQAHRAESHLPGVNLYLLPLGEQLPDVSLTFQAWRRRL 99
8 51 LHLARKLLSEVRGQAHRAESHLPGVNLYLLPLGEQLPDVSLTFQAWRRRL 100
   *****
2 100 SDPERLCFISTTLQPFHAPLGGLGTQGRWTNMERMQLWAMRLDLRDLQRH 149
8 101 SDPERLCFISTTLQPFHAPLGGLGTQGRWTNMERMQLWAMRLDLRDLQRH 150
   *****
2 150 LRFQVLAAGFNLPEEEEEEEEEERKGLLPALGSALQGPQVSWPQL 199
8 151 LRFQVLAAGFNLPEEEEEEEEEERKGLLPALGSALQGPQVSWPQL 200
   *****
2 200 LSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP 242
8 201 LSTYRLLHSLELVLSRAVRELLLLSKAGHSVWPLGFPTLSPQP 243
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FIG. 1

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10	1	MGQTAGDLGWRLSLLPLLLVQAGSWGFP	TDPLSLQELRRFTVSLYLA	50
4	1	GLSLLPLLLVQAGSWGFP	TDPLSLQELRRFTVSLYLA	40

10	51	RKLLSEVQGYVHSAESRLPGVNL	DLLPLGYHLPNVS	100
4	41	RKLLSEVQGYVHSAESRLPGVNL	DLLPLGYHLPNVS	90

10	101	RLCFLATTLRPF	PAMLGGLGTQGTWTSEREQLWAMRLDLRDLHRHLRFQ	150
4	91	RLCFLATTLRPF	AMLGGLGTQGTWTSEREQLWAMRLDLRDLHRHLRFQ	140

10	151	VLAAGFKCSKEEEDKEEEEEEE	KKLPLGALGPNQVSSQVSWPQLLY	200
4	141	VLAAGFKCSKEEEDKEEEEEEE	KKLPLGALGPNQVSSQVSWPQLLY	190

10	201	TYQLLHSLLEL	VLSRAVRDLLLSLPRRPGSAWDS	234
4	191	TYQLLHSMEL	VLSRAVRDLLLSLPRRPGSALEFLTPSFKP	231

FIG. 2

human IL-D80	⁰⁰¹ MGQTAGD LGWRLLSLLLLP LLLVQAGVWGFP RPPGRPQLSLQELRRFTVTVSLHLARKLLSEVRGQAHRFAESHLPGVNL ⁰⁸⁰ YL
mouse IL-D80	⁰⁰¹ MGQTAGD LGWRLLSLLLLP LLLVQAGVWGFP TDP...LSLQELRRFTVTVSLYLARKLLSEVQGYVHSFAESRLPGVNL ⁰⁷⁶ DL
human IL-D80	⁰⁸¹ LPLGEQLPDVSLTFQAWRRLLSDPERLCFISTTLQPFHAPLGGLGTQGRWTNMRMQLWANRLDLRDLQRHLRFQVLAAGF ¹⁶⁰
mouse IL-D80	⁰⁷⁷ LPLGYHLPNVSLTFQAWHLLSDSERLCFLATTLRPFPFAMLGGLGTQGTWTSEREQLWANRLDLRDLRHLRFQVLAAGF ¹⁵⁶
	Helix A
human IL-D80	¹⁶¹ NLP...EEEEEEEEEEERKGLLP GALGSALQGPAQVSWPQLLS ²⁴³ TYRLLHSLSLVLSRAVRELLLLSKAGHSVWPLGFTLSFPQ
mouse IL-D80	¹⁵⁷ KCSKEEDKEEEEEEEERK.LPLGALGGPNQVSSQVSWPQLLYTYQLLHSLSLVLSRAVRD ²³⁴ LLSLPRRPGSAWDS
	Helix B
	Helix C
	Helix D

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FIG. 3